



wavelength monitor polarization interferometer

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A high-performance optical spectrum monitor with high-speed measuring time for WDM optical networks

K Otsuka, T Maki, Y Sampei, Y Tachikawa, N.... - Proc. ECOC'97 - ieeexplore.ieee.org
... number of signals, signal power, **wavelength** drift and ... large dynamic range, low **polarization** dependence, and ... features for a practical optical spectrum **monitor** ...
Cited by 12 - [Web Search](#) - ieeexplore.ieee.org

... wavelength-shift of 1.7-ps optical pulses using a highly-nonlinear fiber Sagnac interferometer

HC Lim, F Futami, K Taira, K Kikuchi - IEEE Photon. Technol. Lett., 1999 - ieeexplore.ieee.org
... of the pumps for a reduction of **polarization** sensitivity ... we could **monitor** the amount of signal leakage ... For practical transmission, this **wavelength** shift is not ...
Cited by 3 - [Web Search](#) - ieeexplore.ieee.org

Biosensing with the integrated-optical difference interferometer: Dual-wavelength operation

C Stamm, R Dangel, W Lukosz - Optics Communications, 1998 - ingentaconnect.com
... or rib waveguide after their **polarization**-dependent interaction ... As an experimental test of dual-**wavelength** operation in biosensing, we **monitor** the affinity ...
Cited by 3 - [Web Search](#) - adsabs.harvard.edu - csa.com

Two-wavelength laser-diode heterodyne interferometry with one phasemeter

R Onodera, Y Ishii - Opt. Lett., 1995 - ol.osa.org
... of each signal with its different **polarization** states ... electric dividers 1 and 2 with **monitor** photodiodes ... frequencies, and the tested phases for **wavelength** 1 ...
Cited by 3 - [Web Search](#) - ol.osa.org - adsabs.harvard.edu

... of a fiber Fourier transform spectrometer to the detection of wavelength-encoded signals from Bragg ...

MA Davis, AD Kersey - Journal of Lightwave Technology, 1995 - ieeexplore.ieee.org
... optical signal processing scheme to **monitor** the Bragg ... with high resolution, the shift in **wavelength** of a ... the coupling ratio and the **polarization** properties of ...
Cited by 16 - [Web Search](#) - ieeexplore.ieee.org

Optical-fiber source of polarization-entangled photon pairs in the 1550 nm telecom band

X Li, PL Voss, JE Sharping, P Kumar - Arxiv preprint quant-ph/0402191 (2004) - arxiv.org
... In order to actively **monitor** and control the relative phase ... **wavelength** of the reference pulses is slightly detuned and its ... During measurements of **polarization** ...
Cited by 4 - [View as HTML](#) - [Web Search](#) - adsabs.harvard.edu

A Highly Stable and Reliable Wavelength Monitor Integrated Laser Module Design

H Nasu, T Takagi, T Shinagawa, M Oike, T Nomura, A ... - Journal of Lightwave Technology, 2004 - jlt.osa.org
... fiber (PMF) having a **polarization** extinction ratio ... and Bragg grating Fabry-Perot **interferometer**," IEEE Photon ... module with integrated **wavelength** monitor for 50 ...
Cited by 1 - [Web Search](#) - ieeexplore.ieee.org - ieeexplore.ieee.org - jlt.osa.org

Double-wavelength superheterodyne interferometer for absolute ranging with submillimeter resolution: ...

G Margheri, C Giunti, S Zatti, S Manhart, R Maurer - Applied Optics, 1997 - ao.osa.org

... beams interfere on a **polarization**-insensitive beam ... Wyant, "Testing aspherics using two-**wavelength** holography ... Optical Surface Profile **Monitor** Final Report ...
Cited by 3 - Web Search - aopt.osa.org - ao.osa.org - adsabs.harvard.edu

All-optical, all-fiber circulating shift register with an inverter

NA Whitaker, MC Gabriel, H Avramopoulos, A Huang - Optics Letters, 1992 - ol.osa.org
... in an orthogonal state by using a **polarization**-combining coupler. ... The **wavelength** was set at 1531.6 nm, which was ... 57 coupler was used both to **monitor** the light ...
Cited by 20 - Web Search - ol.osa.org - adsabs.harvard.edu

Ultrafast switching with a single-fiber interferometer

MJ LaGasse, D Liu-Wong, JG Fujimoto, HA Haus - Opt. Lett, 1989 - ol.osa.org
... doubled and used to pump a **wavelength**-tunable dye ... pump, phase shifts are induced and the **polarization** of the ... using a lock-in amplifier to **monitor** the detector ...
Cited by 14 - Web Search - ol.osa.org - adsabs.harvard.edu

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wavelength stabilize polarization interferometer

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Scanning interferometer stabilized by use of Pancharatnam's phase

MU Wehner, MH Ulm, M Wegener - Optics Letters, 1997 - ol.osa.org

... phase-modulation technique was used to **stabilize** ei- ther ... a small fraction of the excitation **wavelength** becomes impor ... is rotated to vertical **polarization** s by ...

Cited by 18 - [Web Search](#) - ol.osa.org - adsabs.harvard.edu

Polarization-multiplexed and phase-stepped fibre optic shearography using laser wavelength

RM Groves, SW James, RP Tatam - Measurement Science and Technology, 2000 - iop.org

... The **polarization** is s for frames R 1 , F 1 , F 3 and F 5 and p ... step frequency of 1 Hz was chosen to allow the output **wavelength** to **stabilize**, although this ...

[Web Search](#) - cranfield.ac.uk - ingentaconnect.com - adsabs.harvard.edu - all 9 versions »

A mode-locked fibre laser using a Sagnac interferometer and nonlinear polarization rotation

B Ibarra-Escamilla, EA Kuzin, DE Gomez-Garcia, F ... - Journal of Optics A: Pure and Applied Optics, 2003 - iop.org

... A mode-locked fibre laser using a Sagnac interferometer and nonlinear **polarization** rotation B Ibarra-Escamilla 1 , EA Kuzin 1 , DE Gomez-Garcia 1 , ...

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Generation of a pulsed polarization entangled photon pair using a Sagnac interferometer

BS Shi, A Tomita - Physical Review A, 2004 - link.aps.org

... them, it is difficult to **stabilize** interference. ... Instead, to generate a **polarization** entangled photon ... **interferometer**, where, v(l) is the frequency ~**wavelength**! ...

[Web Search](#) - gci.jst.go.jp - adsabs.harvard.edu

Internally coupled Fabry-Perot interferometer for high precision wavelength control of tunable diode ...

M REICH, R SCHIEDER, HJ CLAR, G WINNEWISSE - Applied Optics, 1986 - ao.osa.org

... A better idea is to **stabilize** the TDL to a ... 15 gm now determines the long-**wavelength** limit of ... **polarization** considerations the plane of incidence of the Brewster ...

Cited by 8 - [Web Search](#) - aopt.osa.org - adsabs.harvard.edu - csa.com - all 5 versions »

Optical-Fiber Source of Polarization-Entangled Photons in the 1550 nm Telecom Band

X Li, PL Voss, JE Sharping, P Kumar - Physical Review Letters - link.aps.org

... the pump-pulse pairs and their **wavelength** is slightly ... one output port of the **polarization interferometer** [see Fig. ... the difference is used to **stabilize** firef by ...

[Cited by 3](#) - [Web Search](#) - ncbi.nlm.nih.gov

In-line polarimeter using blazed fiber gratings

PS Westbrook, TA Strasser, T Erdogan - IEEE Photon. Technol. Lett, 2000 - ieeexplore.ieee.org

... with a **polarization** controller to **stabilize** a randomly ... p-polarized scattered light versus **wavelength** plus data ... the Hewlett Packard 8509B **polarization** analyzer. ...

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Wavelength Switching of a Fiber Laser With a Sagnac Loop Reflector

G Das, JWY Lit - IEEE Photonics Technology Letters, 2004 - ieeexplore.ieee.org
... for multiwavelength lasing, but also **stabilize** the emitted ... Jain, "A broadly tunable
wavelength-se-lectable ... and MA Davis, "Polarization-insensitive fiber ...
Cited by 2 - Web Search - ieeexplore.ieee.org

Accurate laser **wavelength** measurement with a precision two-beam scanning Michelson interferometer

JP MONCHALIN, MJ KELLY, JE THOMAS, A JAVAN, NA ... - Applied Optics, 1981 - ao.osa.org
... 1. Basic optical components of the two-beam **interferometer** for laser **wavelength**
measurements described in this paper: BS, beam splitter; COMP, compensator. ...
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A large proportion of all microwave mea-

ANUPM INTERFEROMETER - ieeexplore.ieee.org
... des-cribed in this paper, the **polarization** was such ... such accuracy, it was necessary
to **stabilize** frequency drift ... as long as at least one **wavelength** is between ...
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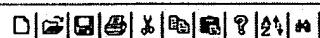
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